CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1027742 (CA 82858-4)

Master Contract: 179606

Project: 1480463

Date Issued: October 9, 2003

Issued to: **Fairchild Semiconductor**
3001 Orchard Parkway
San Jose, CA 95134
U.S.A.
Attention: Mr. Krish Ramdass

The products listed below are eligible to bear the CSA Mark shown with adjacent indicator ▲

Issued by: David Briere, B. Eng.

Authorized by: Ray Fadavi, P.Eng., MBA
Operation Manager

PRODUCTS

CLASS 9073 30 - OPTO - ISOLATORS - Component

Opto-isolators: Package Codes E, N or K:

PART A

H11AA1, H11AA2, H11AA3, H11AA4
H11D1, H11D2, H11D3, H11D4
4N38, 4N38A
CNY33
H11G1, H11G2, H11G3, H11G45, H11G46
CNG40
H11C1, H11C2, H11C3, H11C4, H11C5, H11C6
4N39, 4N40
H74C1, H74C2
CNY30, CNY34
MCS2, MCS2400, MCS21, MCS2401
H11F1, H11F2, H11F3
H11L1, HllL2, H11L3
H11N1, H11N2, H11N3
H11J1, H11J2, H11J3, H11J4, H11J5

GE3009, GE3010, GE3011, GE3012
GE3020, GE3021, GE3022, GE2023
MOC119
MOC3009, MOC3010, MOC3011, MOC3012
MOC3020, MOC3021, MOC3022, MOC3023
MOC3030, MOC3031, MOC3032, MOC3033
MOC3040, MOC3041, MOC3042, MOC3043
MOC3051, MOC3052, MOC3053
MOC3061, MOC3062, MOC3063
MOC3081, MOC3082, MOC3083
MOC3162, MOC3163
MOC8020, MOC8021
MOC8030, MOC8050, MOC8080
MOC8100, MOC8101, MOC8102, MOC8103, MOC8104
MOC8105, MOC8106, MOC8107, MOC8108
MOC8111, MOC8112, MOC8113, MOC8204
MCP3009, MCP3010, MCP3011, MCP3012
MCP3020, MCP3021, MCP3022, MCP3023
MCP3030, MCP3031, MCP3032
MCP3040, MCP3041, MCP3042
74OL6000, 74OL6001, 74OL6010, 74OL6011
74OL6000S, 74OL6001S, 74OL6010S, 74OL6011S
CNX35, CNX36, CNX35U, CNX36U, CNX38U, CNX39U
CNY17I, CNY17II, CNY17III, CNY17IV
CNY17-1, CNY17-2, CNY17-3, CNY17-4
CNY17F-1, CNY17F-2, CNY17F-3, CNY17F-4
CNY32, CNY47, CNY47A, CNY51, CQY80
GFH600I, GFH600II, GFH600III
GFH601I, GFH601II, GFH601III, GFH601IV
H11A1, H11A2, H11A3, H11A4, H11A5
H11A520, H11A550, H11A5100
H11AV1, H11AV2, H11AV3
H11AV1A, H11AV2A, H11AV3A
4N25, 4N25A, 4N26, 4N27, 4N28
4N35, 4N36, 4N37, 4N38, 4N38A
MCT2, MCT2E, MCT26, MCT210, MCT270, MCT271, MCT275
MCT2200, MCT2201, MCT2202
OF4075, OF4114, OF4204
OF715, OF905, OF967, OF805, OF924, OF988
OF4232
OF4821, OF4822, OF4823, OF4831, OF4832
SL5500, SL5501, SL5504, SL5511
TIL111, TIL113, TIL119, H74A1, GEPS2001
CNX62A
CNX71A, CNX72A
CNX82A, CNX83A
SL5582, SL5583

CNY17G-1, CNY17G-2, CNY17G-3, CNY17G-4
CNY17GF-1, CNY17GF-2, CNY17GF-3, CNY17GF-4
CNG82A, CNG83A
H11AG1, H11AG2, H11AG3
CNG35, CNG36
P040, P044A
MCT5200, MCT5201, MCT5210, MCT5211
H11B1, H11B2, H11B3, H11B255
4N29, 4N29A, 4N30, 4N31, 4N32, 4N32A, 4N33
CNY48
MCA230, MCA231, MCA255
CNX48U, CNX48
MCA2230, MCA2231, MCA2255

Wide Body Package:

CNW11AV-1, CNW11AV-2, CNW11AV-3
CNW135, CNW136, CNW4502
CNW137, CNW2601, CNW2611
CNW138, CNW139
CNW82, CNW83
CNW84, CNW85
SL5582W, SL5583W

PART B

Package Codes E, T and T1:

H11A617A, H11A617B, H11A617C, H11A617D
H11A817, H11A817A, H11A817B, H11A817C, H11A817D
H11AA814, H11AA814A
H11ADB6, H11ADB61, H11ADB62
H11B815
MCT6, MCT61, MCT62, MCT66
H11AD6, H11AD61, H11AD62, H11AD66
MCT9001, H11AD9001
MCA60XX, H11BD60XX
MCA61XX, H11GD61XX
MCA90XX, H11BD90XX
MCA91XX, H11GD91XX
H11AAD250, H11AAD251, H11AAD252
H11AAD255
H11AAD620, H11AAD620-1
6N135, 6N136, 6N137, 6N138, 6N139

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HCPL-2200
HCPL2501, HCPL2502, HCPL2503
HCPL2601, HCPL2611
HCPL2530, HCPL2531, HCPL2533, HCPL4534
HCPL2630, HCPL2631, HCPL4661
HCPL2730, HCPL2731
HCPL4502, HCPL4503
MID400, HCPL3700

Where the following suffices may be added:

S = surface mount
300 = VDE Certification
SD = Tape and reel
W = 0.4 inch lead spacing

APPLICABLE REQUIREMENTS

Component Acceptance Notice No. 5A
CSA-C22.2 No. 1-98 - Audio, Video and Similar Electronic Equipment General Instruction No. 2 (Including Amendment 1)

The subject components are Component Accepted as a component for use in other Certified equipment where the suitability of the combination is to be determined by the CSA International.

MARKINGS

On Component: A permanent marking applied as follows:

- Submittor's identification, company name or CSA File No "CA 82858", or Master Contract No "179606" or CSA registered trademark "Q", "QTC" or stylized "F"
- Cat No or Part No or abbreviated Part No
- CSA Component Acceptance Mark on part or shipping tube

On Shipping Tube: A permanent marking applied as follows:

- Submittor's identification, company name or CSA File No "CA 82858", or Master Contract No "179606" or CSA registered trademark "Q", "QTC" or stylized "F"
- CSA Component Acceptance Mark on part or shipping tube

Method: A permanent marking applied to each component, as detailed above.

ALTERATIONS

Markings as above.

FACTORY TESTS

The opto-isolator shall withstand without flash-over or breakdown, for a period of 1 sec, an ac voltage equal to the manufacturer's 1 min dielectric withstand rating, with a min of 2500V, applied between the short-circuited input and short-circuited output terminals.

Warnings: The factory test(s) specified may present a hazard to injury to personnel and/or property and should only be performed by persons knowledgeable of such hazards and under conditions designed to minimize the possibility of injury.